Tkachenko, Dmitriy Filipovich

LESIK, Boris Vasil'yevich; TKACHENKO, Dmitriy Filipovich; ZAVERIN, A.S., redaktor; VESKOVA, Ye.I., tekhnicheskiy redaktor.

[Manual of hemp] Spravochnik konoplevoda. Moskva, Gos.izd-vo selkhoz.lit-ry, 1955.139 p. (MLRA 9:4)
(Hemp)

YEDIDOVICH, Valentin Andreyevich, inzhener; IL'CHUK, Vladimir Yefimovich; RUTSINSKIY, Pavel Nikolayevich; TKACHENKO, Filogoniy Dmitriyevich, kandidat tekhnicheskikh nauk; RYSIN, A.Ye., inzhener, redaktor; YUDSON, D.M., tekhnicheskiy redaktor.

[Centralized lubrication of locomotives] TSentralizovannaia smazka parovozov. Moskva, Gos.transp.zhel-dor.izd-vo, 1956. 126 p.
(Locomotives--Lubrication) (MIRA 9:6)

USSR / Soil Science. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95767.

Author : ~~Tkachenko, D. F.~~
Inst : All-Union Scientific-Research Institute of Bast Crops.
Title : Effectiveness of Mowing the Tops of Lupine Grass on Green Manure Under Hemp.

Orig Pub: Tr. Vses. n.-i. in-t lub. kul'tur, 1957, vyp. 22, 104-112.

Abstract: On the basis of tests conducted in 1949-1950 on an experimental base of the Institute of Bast Crops (Sumskaya Oblast), the author recommends mowing the tops of lupine grass during the flowering period, which increases the yield of green mass and the harvest of hemp sown after lupine

Card 1/2

USSR / Soil Science. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95767.

Abstract: (according to the data in 1959, the fiber yield increased by 11.1%). The author recommends tillage of lupine in September, since tillage in earlier periods causes great losses of N due to mineralization of organic substances.

Card 2/2

TKACHENKO, D.F.; LIPIYENKO, I.S. (Sumskaya oblast')

Experience in preventive and therapeutic services rendered to women workers on collective farms. Med.sestra no.6:19-21 Je '55.

(OUTPATIENT SERVICES, (MLRA 8:7)
for women workers in collective farms in Russia)

NAGORNYY, A.I.; SHCHEGLOVA, A.G.; KULEMZIN, K.N.; SHTUKKERT, V.A.;
KORNIYENKOV, N.E.; TKACHENKO, D.N.

Manufacture of glazed products at a brick plant. Stroi. mat.
11 no.7:6 Jl '65. (MIRA 18:8)

1. Alma-Atinskiy nauchno-issledovatel'skiy institut stroitel'nykh materialov (for Nagornyy, Shcheglova, Kulemzin). 2. Karagandinskiy kirpichnyy zavod No.3 (for Shtukkert, Korniyenkov, Tkachenko).

TKACHENKO, D.S. (Poti)

"Ninth day" syndrome following the use of osarsol. Vrach. delo no.9: 117-118 S '60. (MIRA 13:9)
(ACETARSONE--TOXICOLOGY) (URETHRA--DISEASES)

SKVIRSKAYA, E.S.; ZONIS, M.L.; TKACHENKO, D.S., provizor, direktor.

Prescription filling in pharmacies of the Kiev region. Apt.delo 2 no.2:
28-30 Mr-Ap '53. (MLRA 6:5)

1. Kafedra tekhnologii lekarstvennykh form Kiyevskogo instituta usovershenstvovaniya provizorov Ministerstva zdravookhraneniya USSR.
(Kiev Province--Medicines--Formulae, receipts, prescriptions)

TKACHENKO, D.S.

Gonorrheal toxico-allergic polyarthritis. Vest.derm.i ven. 33 no.5:
89 S-O '59. (MIRA 13:2)
(GONORRHEA) (ARTHRITIS)

TKACHENKO, D. S., FYALKOV, YA. A.,
DRAKINA, N. V.

Pharmacy - Study and Teaching

Letter to the editor of "Aptechnoe delo." Apt. delo no. 4, 1952.

Monthly List of Russian Accessions. Library of Congress. November, 1952. UNCLASSIFIED.

TKACHENKO, D.S. (Poti, Gruzinskaya SSR)

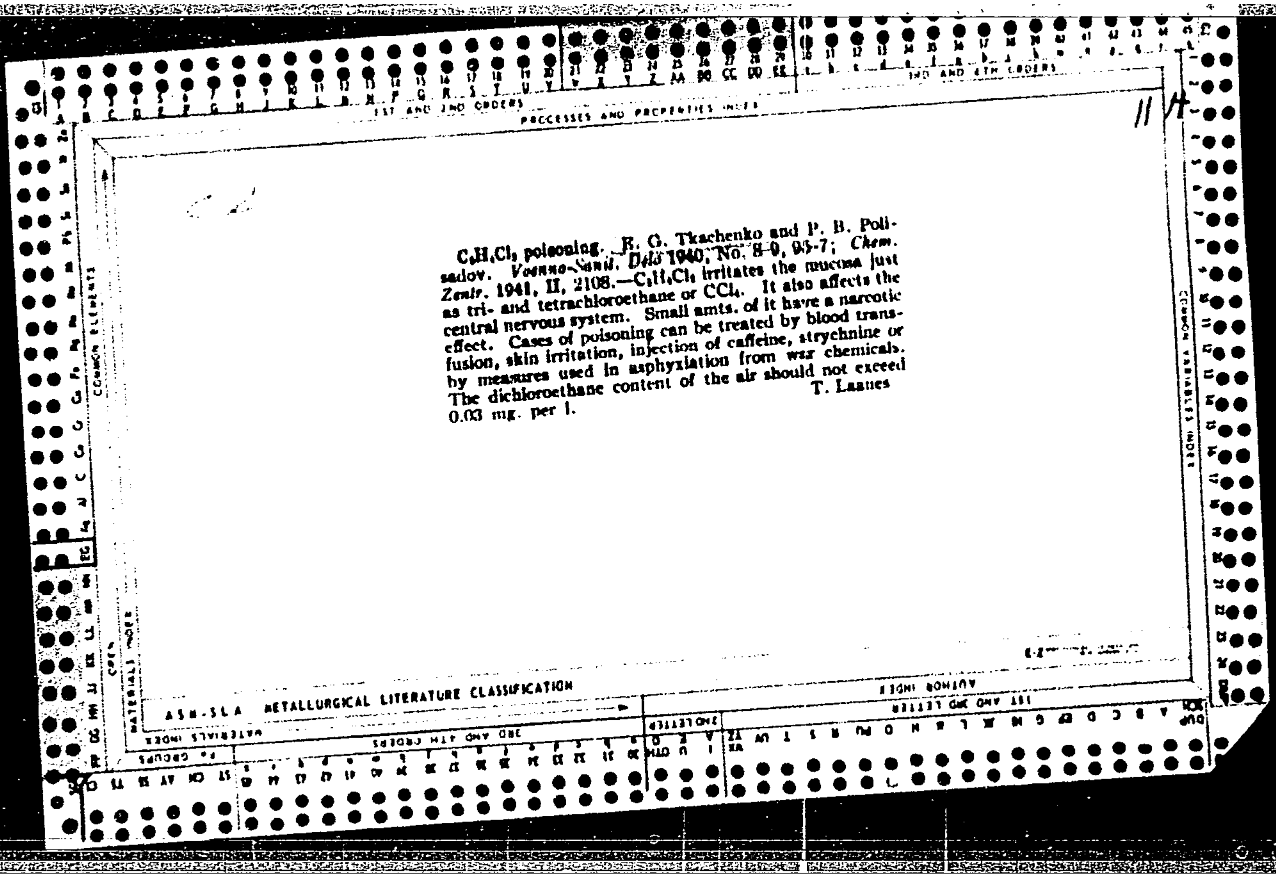
Characteristics of the clinical course of acute gonorrhea in combination with trichomoniasis. Vest.derm.i ven. no.11:51-52 '61. (MIRA 14:11)

(GONORRHEA) (TRICHOMONIASIS)

VAYSMAN, G.A., doktor farmatsevticheskikh nauk; TKACHENKO, D.Ye., direktor.

Use of ion exchange substances in the analysis of complex pharmaceutical (galenical) preparations. Apt.delo 2 no.5:29-33 S-O '53. (MLRA 6:10)

1. Kafedra tekhnologii galenovykh preparatov Kiyevskogo instituta usovershenstvovaniya provizorov Ministerstva zdravookhraneniya SSSR.
(Drugs--Adulteration and analysis)


1ST AND 2ND ORDERS
PROCESSES AND PROPERTIES INDEX
3RD AND 4TH ORDERS
COMMON ELEMENTS
COMMON VARIABLES INDEX
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION
MATERIALS INDEX
AUTHOR INDEX
1ST AND 2ND LETTER

11 H

$C_2H_4Cl_2$ poisoning. R. G. Tkachenko and P. B. Polisadov. *Voenno-Sanit. Delo* 1940, No. 8-9, 95-7; *Chem. Zentr.* 1941, II, 2108.—$C_2H_4Cl_2$ irritates the mucosa just as tri- and tetrachloroethane or CCl_4. It also affects the central nervous system. Small amts. of it have a narcotic effect. Cases of poisoning can be treated by blood transfusion, skin irritation, injection of caffeine, strychnine or by measures used in asphyxiation from war chemicals. The dichloroethane content of the air should not exceed 0.03 mg. per l. T. Laanes

TKACHENKO, E.I., inzh.

Mechanization of auxiliary operations. Stroi. truboprov. 7 no.5:11 My '62. (MIRA 16:6)

1. Stroitel'noye upravleniye No.8 tresta Yuzhgazprovodstroy, Stavropol'.

(Gas, Natural—Pipelines)
(Protective coatings)

L 39980-66 EWP(d)/EWT(m)/EWP(c)/EWP(k)/T/EWP(v)/EWP(t)/ETI/EWP(l) IJP(c) 5

ACC NR: AP6021713 SOURCE CODE: UR/0130/66/000/003/0027/0028

HM/JD

AUTHOR: Monid, A. G.; Benyakovskiy, M. A.; Smolyarenko, D. A.; Sivtsov, G. V.; Tkachenko, E. V.; D'yakonova, V. S.; Popov, P. I.; Pakudin, V. P.; Shirinskaya, S. A.; Sosipatrov, V. T.

57
49
B

ORG: none

TITLE: Production testing of 08Yu cold rolled low carbon steel

SOURCE: Metallurg, no. 3, 1966, 27-28

TOPIC TAGS: low carbon steel, deoxidation, cold rolling, quality control / 08Yu steel

ABSTRACT: Production testing was carried out on nonaging 08Yu steel sheets at the Cherepovetsky Metallurgical Plant and the results were compared to the norms set by GOST 9045-59. Melting was carried out in single-grooved Martens furnaces of average capacity; deoxidation by ferromanganese was done in steps--50% in the furnace and 50% in the ladle; Al was also introduced in the ladle in quantities of 100-150 g/T of steel while full deoxidation was accomplished by the addition of Al pellets in quantities of 900-1000 g/T. The chemical composition of 08Yu steel compared favorably with the standards set by GOST 9045-59 (experimentally--C=0.04-0.08%, Si=0.01%, Mn=0.32--0.38%, S=0.009-0.016%, P=0.01-0.015%, Cr=0.01-0.03%, Ni=0.03-0.07%, Cu=0.02-0.07% and Al=0.02-0.05%). Ingots weighing 14T were hot rolled in 15-18 passes into slabs of

Card 1/2 UDC: 621.771.24

L 39980-66

ACC NR: AP6021713

3

135-140 mm thickness and 1070-1430 mm width on a 1150 bloom. These slabs were next cold rolled to a maximum of 68% reduction into sheets of 2.5-3.5 mm thickness and 1040-1430 mm width. Annealing was done at 550°C for 10 hrs at a heating rate of 15°/hr and cooling was at 6°/hr. The final operation was a finishing pass at 1.0-1.3% reduction. Tests made on the sheets after aging at 200°C for 30 min substantiated that the steel was nonaging. The sheets performed well in stamping tests which were run under the stamping conditions used at the Gor'ky Automotive Plant. Orig. art. has: 1 table.

SUB CODE: 11,14/ SUBM DATE: none

Card 2/2 5

8A TKACENKO, F.A.

Inter-varietal pollination: an effective way of increasing yields in cucurbits. V. C. Černetčenko and F. A. Tkačenko (*Sad i Ogorod*, 1950, No. 7, 55—58; *Hort. Abstr.*, 1951, 21, 75).—Hybrid seeds of melons and water-melons produce higher yields and better quality fruits than do the parent varieties. Not all varieties are suitable for hybridisation, and a table showing successful crosses is given. The method of hybrid seed production is described. C. B. North.

VLASYUK, P.A., akademik, otv.red.; YUR'YEV, V.Ya., akademik, zam.otv.red.; BUZANOV, I.F., akademik, red.; DANILENKO, I.A., red.; DELONE, L.N., doktor biolog.nauk, red.; KUCHUMOV, P.V., doktor sel'skokhoz. nauk, red.; POLYAKOV, I.M., red.; STROHA, I.G., kand.sel'skokhoz. nauk, red.; ~~TKACHENKO, P.A.~~, kand.sel'skokhoz.nauk, red.; CHIZHENKO, I.A., kand.ekonom.nauk, red.; BLANINA, L.F., red.; VIDONYAK, A.P., khud.-tekhn.red.

[Problems in improving the quality of agricultural products; proceedings of the scientific session] Voprosy uluchsheniia kachestva sel'skokhoziaistvennoi produktsii; trudy nauchnoi sessii. Kiev, Izd-vo Ukrainskoi Akad.sel'khoz.nauk. No.4. [Feeds and livestock products] Korma i produkty zhivotnovodstva. 1960. 143 p. (MIRA 14:1)

1. Ukrainskiy ordena Lenina nauchno-issledovatel'skiy institut rasteniyevodstva, selektsii i genetiki. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina i Ukrainskoy akademii sel'skokhozyaystvennykh nauk; Nauchno-issledovatel'skiy institut zhivotnovodstva Lesostepi i Poles'ya USSR (for Danilenko). 3. Chlen-korrespondent AN USSR (for Polyakov). 4. Ukrainskiy ordena Lenina nauchno-issledovatel'skiy institut rasteniyevodstva, selektsii i genetiki (for Strona).

(Feeds) (Stock and stockbreeding)

VLASYUK, P.A., akademik, otv.red.; YUR'YEV, V.Ya., akademik, zam. otv. red.; BUZANOV, I.F., akademik, red.; DANILENKO, I.A., red.; DELONE, L.N., doktor biolog.nauk, red.; KUCHUMOV, P.V., doktor sel'skokhoz.nauk, red.; POLYAKOV, I.M., red.; STRONA, I.G., kand.sel'skokhoz.nauk, red.; TKACHENKO, F.A., kand.sel'skokhoz. nauk, red.; CHIZHENKO, I.A., kand.ekonom.nauk, red.; LESOVICHENKO, Ya.V., red.; MANOYLO, Z.T., tekhn.red.

[Vegetables and potatoes; works of scientific session, No.2] Ovoshchnye kul'tury i kartofel'; trudy nauchnoi sessii, vypusk 2. Kiev, Izd-vo Ukrainskoi Akad.sel'khoz.nauk, 1960. 132 p. (MIRA 14:1)

1. Ukrainskiy ordena Lenina nauchno-issledovatel'skiy institut rasteniyevodstva, selektsii i genetiki. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Danilenko). 3. Chlen-korrespondent AN USSR (for Strona).
(Vegetable gardening) (Potatoes)

Country : USSR
Category : Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : RZhBiol., No 6, 1959, No 24906

Author : Tkachenko, F. A.
Inst : Ukrainian Scientific-Research Institute of Vegetable Cultivation and Potatoes.
Title : Developmental Characteristics of the Root System of Cucumber Hybrids and Varieties.
Orig Pub : Nauchno. tr. Ukr. n.-i. in-t ovoshchevodstvo i kartofelya, 1957, 4, 191-193

Abstract : Root systems of the hybrids Chernobrivets 48 crossed with Ryabchik 347, Pobeditel' 26 crossed with Vyaznikov 37 and the parental forms were studied in the 5-leaf phase and efflorescence. In the 5-leaf phase, the weight of the leaves of one hybrid plant was, on the average, 4.8 g., whereas the weight of the pure variety was 4 g; the weight of the hybrid's dry roots

Card : 1/2

Country : USSR
Category : Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : RZhBiol., No 6, 1959, No 24906

Author :
Inst :
Title :

Orig Pub :

Abstract : amounted to 2 g, that of the original varieties to 1.1 g; the number of the hybrid's lateral roots amounted to 21 pieces, that of the plant's original varieties to $14\frac{1}{2}$ pieces; length of the hybrid's root-shaft was 25.3 cm, that of the original parental varieties - 20.6 cm. An analogous picture was observed in the phase of full efflorescence of the hybrids and parental varieties. -- S. Ya. Krayevoy

Card : 2/2

TKACHENKO, F.A., kand. sel'khoz. nauk; KURZINA, I.A., red.;
KOBYAKOVA, G.N., tekhn. red.

[Hybrid seed production of vegetable crops] Gibridnoe semenovodstvo ovoshchnykh kul'tur. Moskva, Sel'khozizdat, 1963. 197 p. (MIRA 17:1)

TKACHENKO, F.A.; MILOKOSTA, N.Ya., red.; SAVCHENKO, M.S., tekhn. red.

[Onions and garlic] TSibulia i chasnyk. Kyiv, Derzhsil'-
hospvydav URSR, 1961. 75 p. (MIRA 15:11)
(Ukraine--Onions) (Ukraine--Garlic)

TKACHENKO, Fedor Andreyevich, inzh.-gornyak; BERESLAVETS, Filipp Gavrilovich, inzh.-gornyak; SOLOMASHENKO, Yuriy Aleksandrovich, inzh.-gornyak; BYKHOVETS, Georgiy Filippovich, inzh.-gornyak; USPENSKAYA, N., red.; GLUSHKO, G., tekhn.red.

[Mechanization and automation in Krivoy Rog Basin mines] Mekhanizatsiia i avtomatizatsiia shakht Krivbassa. Dnepropetrovsk, Dnepropetrovskoe knizhnoe izd-vo, 1963. 60 p. (MIRA 16:12)

1. Rabotniki Pridneprovskogo sovnarkhoza i Krivorozhskogo nauchno-issledovatel'skogo gornorudnogo instituta (for all except Uspenskaya, Glushko).

(Krivoy Rog Basin—Mining machinery) (Automation)

TKACHENKO, F.A.

Heterosis and its significance for the development of vegetable gardening. Bot. zhur. 49 no.2:280-286 F '64. (MIRA 17:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva i kartofelya, Khar'kov.

TKACHENKO, F.A.; OPARIN, A.I., akademik.

Diversity in the development of the root system of hybrids and varieties of watermelon. Dokl.AN SSSR 91 no.6:1397-1400 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Oparin). 2. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva Khar'kov (for Tkachenko). (Melons)

1. TKACHENKO, F. A.

2. USSR (600)

4. Melons

7. Intervarietal pollination of watermelon. Agrobiologiia, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

TKACHENKO, F.A.; SHORNIKOVA, N.M.

Varieties of onion for canning. Kons.i ov.prom. 16 no.5:26-28 My '61. (MIRA 14:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva i kartofelya.
(Onions) (Canning and preserving)

TKACHENKO, Fedor Antonovich

[Raising hybrid vegetable seeds] Vyrashchivanie gibridnykh semian ovoshchnykh kul'tur. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 130 p. (MIRA 13:8)

(Vegetable growing)

TKACHENKO, F.D.; KON'KO, V.A.

Remarks on the design of the hydraulic jack. Put' i put. khoz. no.5:30-32 My '58. (MIRA 13:3)

1. Nachal'nik Odesskogo mekhanicheskogo zavoda (for Tkachenko).
2. Nachal'nik sluzhby puti Odesskoy dorogi (for Kon'ko).
(Hydraulic jacks) (Railroads--Equipment and supplies)

TKACHENKO, F.D.; RUTSINSKIY, P.N.

Sleeves for hydraulic devices. Put' i put. khoz. no.3:19 Mr '59.
(MIRA 12:6)

1.Nachal'nik mekhanicheskogo zavoda, Odessa (for Tkachenko). 2.Glavnyy tekhnolog mekhanicheskogo zavoda, Odessa (for Rutsinskiy).
(Hydraulic jacks)

KORSHUNOV, A.P.; TKACHENKO, F.F.

Method for equalizing pressures in the interconical space of cupola furnaces. Prom. energ. 17 no.9:8 S '62. (MIRA 15:8)
(Cupola furnaces)

VOLKOV, Yu.F.; KRYUKOV, N.M.; VIYER, V.I.; OSTROUKHOV, M.Ya.; RYABTSEV, L.Yu.; TKACHENKO, F.F.; SHATILIN, A.L.; SHPARBER, L.Ya.

Blowing-in a large capacity blast furnace. Metallurg 10 no.1:4-8 Ja '65. (MIRA 18:4)

RYABTSEV, I.Yu., starshiy master; SHATILIN, A.I., starshiy master;
TKACHENKO, F.F., master

Organization of the tapping of liquid smelting products from a blast furnace with two iron notches. Metallurg 10 no.2: 5-6 F '65. (MIRA 18:3)

TKACHENKO, F.K.; MAYSTRUK, A.Ya.

Investigating the domain structure of cementite. Izv.vys.ucheb. zav.; chern. met. 8 no.4:160-163 '65. (MIRA 18:4)

1. Zhdanovskiy metallurgicheskiy institut.

TKACHENKO, F. K.

Determination of the value of the heat effect of pearlitic transformation with the aid of a differential dilatometer. Zav. lab. 28 no.12:1472-1473 '62. (MIRA 16:1)

1. Zhdanovskiy metallurgicheskiy institut.

(Heat of transformation) (Pearlite)
(Dilatometry)

ZUBAREV, V.F. (Zhdanov), TKACHENKO, F.K. (Zhdanov)

Effect of preliminary heat treatment on the graphitization of white cast iron. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.6: 19-24 N - D '60. (MIRA 13:12)

(Cast iron--Metallography)

PHASE I BOOK EXPLOITATION SOV/5511

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskoye oblastnoye pravleniye.

Metallovedeniye i termicheskaya obrabotka (Physical Metallurgy and Heat Treatment of Metals) Moscow, Mashgiz, 1961. 330 p. Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov UkrSSR. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskoye oblastnoye pravleniye.

Editorial Board: M. P. Braun, Doctor of Technical Sciences, I. Ya. Dekhtyar, Doctor of Technical Sciences, D. A. Draygor, Doctor of Technical Sciences, I. S. Kamenichnyye, Engineer, Ye. A. Markovskiy, Candidate of Technical Sciences, V. G. Permyakov, Doctor of Technical Sciences, and A. V. Chernovol, Candidate of Technical Sciences; Ed.: M. S. Soroka; Tech. Ed.: M. S. Gornostaypol'skaya; Chief Ed., Mashgiz (Southern Dept.): V. K. Serdyuk, Engineer.

Card 1/10

PURPOSE: This collection of articles is intended for scientific workers and technical personnel of research institutes, plants, and schools of higher technical education.

COVERAGE: The collection contains papers presented at a convention held in Kiyev on problems of physical metallurgy and methods of the heat treatment of metals applied in the machine industry. Phase transformations in metals and alloys are discussed, and results of investigations conducted to ascertain the effect of heat treatment on the quality of metal are analyzed. The possibility of obtaining metals with given mechanical properties is discussed, as are problems of steel brittleness. The collection includes papers dealing with kinetics of transformation, heat treatment, and properties of cast iron. No personalities are mentioned. Articles are accompanied by references, mostly Soviet.

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Zubarev, V. P., Doctor of Technical Sciences, Professor, and P. K. Tkachenko, Engineer (Zhdanov). On the Mechanism of the ~~Silicon In~~fluence on Graphitizing 234

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TKACHENKO, F.K.; ZUBAREV, V.F.

Effect of low-temperature treatment on the graphitization of commercial white cast iron. Lit. proizv. no. 5:25-27 My '61.
(MIRA 14:5)
(Cast iron—Heat treatment)

TKACHENKO, F.K.

Phase constitution of hardened commercial-grade cast iron. Izv.vys. ucheb.zav.; chern.met. 5 no.6:132-135 '62. (MIRA 15:7)

1. Zhdanovskiy metallurgicheskiy institut.
(Cast iron—Metallography)

TKACHENKO, F.K.

Determining the density of dislocations in cementite of hardened white cast iron. Ukr. fiz. zhur. 6 no.4:531-540 Jl-Ag '61.
(MIRA 14:9)

1. Zhdanovskiy metallurgicheskiy institut.
(Cementite) (Dislocations in crystals)

SOV/180-59-2-21/34

AUTHORS: Zubarev, V.F., and Tkachenko, F.K. (Zhdanov)

TITLE: The Influence of Inter-Phase Stress on Cast Iron in the Transition over the Eutectoidal Point (O vliyanii mezhdufazovykh napryazheniy v chugune pri perekhode cherez evtektoidnuyu tochku)

PERIODICAL: Izvestiya akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i toplivo,1959,Nr 2,pp 113-115 (USSR)

ABSTRACT: It has been considered (Refs 1, 2) that tensile stresses arising in cementite affect its stability, increasing the graphitization rate. Graphitization is also accelerated by the presence of micro-pores, whose formation is promoted by the stresses. The authors have determined the order of magnitude of the stresses. Dilatometric curves were obtained with a differential dilatometer for almost purely perlite type 60S2 steel and a white iron (2.5% C, 1.3% Si) whose A_{c1} point was equal to that of the steel (Figs 1 and 2, respectively). On the basis of an equation (Refs 3, 4) for the total stress produced by thermal expansion and using published data on modulus of elasticity (Ref 5) and shear modulus (Ref 6) of carbon steel, the authors calculate the value of

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SOV/180-59-2-21/34

The Influence of Inter-Phase Stress on Cast Iron in the Transition over the Eutectoidal Point

Poisson's ratio and arrive at - 22.3 kg/mm2 as the value of the average tensile stresses in austenite. From a consideration of volume changes and deformation, the authors calculate the total compression stress at the A_{r1} point to be 31.7 kg/mm2. The stresses in cementite are of the same order but of opposite sign, this agreeing well with the published value. There are 2 figures and 8 references, 5 of which are Soviet and 3 English.

Card 2/2

SUBMITTED: July 7, 1958

TKACHENKO, F.K.; MAYSTRUK, A.Ya.

Thermal dilatation of cementite. Izv.vys.ucheb.zav.; chern.met. 8 no.6:118-122 '65. (MIRA 18:8)

1. Zhdanovskiy metallurgicheskiy institut.

TKACHENKO, F.K.; FOMINA, E.G.

Nature of temper brittleness in ferritic magnesium cast iron.
Izv. vys. uchob. zav.; chern. met. 6 no.8:155-160 '63.
(MIRA 16:11)

1. Zhdanovskiy metallurgicheskiy institut.

TKACHENKO, F.F. (Zhdanov)

Revealing dislocations in the cementite crystals of white cast iron.
Izv. AN SSSR. Met. i gor. delo no.1:108-112 Ja-F '64.
(MIRA 17:4)

TKACHENKO, F.K., kand.tekhn.nauk; KUDRYAVTSEVA, L.N., inzh.

Effect of heat treatment on the graphitization of white cast iron. Mashinostroenie no.6:21-24 N-D '62. (MIRA 16:2)

1. Zhdanovskiy metallurgicheskiy institut.
(Cast iron--Heat treatment)

TKACHENKO, F. K. Cand Tech Sci — (diss) "The Effect of Silicon on Graphitization of Industrial White Iron," Leningrad, 1960, 16 pp, 150 copies (Leningrad Polytechnical Institute im M. I. Kalinin (KL, 47/60, 104)

TKACHENKO, F.K., inzh.

Effect of silicon on the graphitization of commercial white cast iron. Izv.vys.ucheb.zav.; chern.met. 2 no.10: 131-138 O '59. (MIRA 13:3)

1. Zhdanovskiy metallurgicheskiy institut. Rekomendovano kafedroy metallovedeniya i termoobrabotki Zhdanovskogo metallurgicheskogo instituta.
(Cast iron--Metallurgy) (Iron-silicon alloys--Metallurgy)

SOV/129-58-9-5/16

AUTHORS: Tkachenko, F.K., Engineer and Zubarev, V. F., Doctor of Technical Sciences, Professor

TITLE: Transformations During Heating of Hardened White Iron (Prevrashcheniya pri nagreve zakalennogo belogo chuguna)

PERIODICAL: Metallovedeniye i Obrabotka Metallov, 1958, Nr 9, pp 24-26 (USSR)

ABSTRACT: The authors carried out a combined investigation of the internal transformations taking place in non-hardened and hardened cast iron by means of simultaneous photo-recording of the thermal, dilatometric and magnetic curves during the process of heating and cooling of the specimen. The experiments were carried out on a specially designed dilatometer fitted with a photo-recording. The thermal curve was recorded by means of a light point reflected from the curved mirror of a mirror galvanometer which was joined to the thin (d = 0.3 mm) chromel-alumel thermocouple. For recording the e.m.f. variations in an inductance a furnace was used, the heating element of which was the primary winding, whilst the secondary winding was a coil of nichrome wire wound

Card 1/3

Transformations During Heating of Hardened White Iron SOV/129-58-9-5/16

onto the quartz tube of the dilatometer. For compensating the induction e.m.f. a compensating coil was connected in series with the secondary coil. Into the circuit of the secondary coil an oscillograph loop was connected as shown in the sketch, Fig.1. All the curves were recorded simultaneously on a single sensitive paper which was fitted onto a rotating drum. The investigations were carried out on 5 mm dia, 50 mm long specimens of the steels U10 and 60S2 and white iron, the compositions of which are entered in Table 1. The determined thermal, dilatometric and magnetic curves of the heating and cooling processes are graphed in Fig.2; in Fig.3 the differential dilatometric curves of heating and cooling are graphed for the materials in the hardened state. The following conclusions are arrived at:
1. Magnetic transformation of the ferrite which enters into the structure of commercial white iron takes place below the Ac_1 point.

Card 2/3

2. At the temperatures of the second transformation, a transformation of the residual austenite into martensite and a magnetic transformation of the carbide of an

Transformations During Heating of Hardened White Iron SOV/129-58-9-5/16

unknown composition take place.
3. An increase in the permeability in the temperature range of the third transformation is attributed to eliminating the internal stresses in the α-phase. There are 3 figures, 1 table and 1 Soviet reference.

ASSOCIATION: Zhdanovskiy metallurgicheskiy institut
(Zhdanov Metallurgical Institute)

1. Cast iron--Transformations

Card 3/3

AUTHORS: Tkachenko, F. K., Zubarev, V. F. SOV/32-24-7-23/65

TITLE: The Investigation of the Microscopic Heterogeneity of the Silicon Distribution in Steel by Surface Oxidation (Issledovaniye mikroskopicheskoy neodnorodnosti stali po kremniyu poverkhnostnym okisleniyem)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 7, p. 837 (USSR)

ABSTRACT: Proceeding from the fact, that such parts of the solid solutions which are enriched with silicon possess a thinner oxidation film and thus exhibit another coloring than those which do not contain silicon, microscopic investigations were conducted. This assumption was substantiated in contact weldings of carbon steel with silicon steel. Variations in the concentrations of silicon of the order of 0,15% became manifest in the oxidation of hardened samples, whereas no differences could be found at concentrations of manganese and carbon up to 1% according to this method. A microphotograph of a sample produced from a welding of a carbon steel (G 60) and a silicon

Card 1/2

The Investigation of the Microscopic Heterogeneity of the Silicon Distribution in Steel by Surface Oxidation SOV/32-24-7-23/65

steel (cemented dynamo steel) with an equal content of admixtures is given. The difference in the color of the greenish oxide film and of the red-yellow not oxidized layer may be clearly seen. An increased resistance to oxidation in the directions of the dendrite axes is mentioned. Another figure showing a 60S2 steel sample (with 0,57% of C, and 1,72% of Si), containing less silicon, shows a considerable reduction of the oxidation resistance and thus a green coloring. It was found with this method that silicon exhibits a tendency for a dendrite liquation. It is assumed that no "reversible" silicon liquation exists. There are 4 references, which are Soviet.

ASSOCIATION: Zhdanovskiy metallurgicheskiy institut (Zhdanov Metallurgical Institute)

Card 2/2

ZUBAREV, V.F. (Zhdanov); TKACHENKO, F.K. (Zhdanov)

Effect of transition stress in pig iron during passage through the eutectoid point. Izv. AN SSSR. Otd. tekh. nauk Met. i topl. no.2:113-155 Mr-Ap '59. (MIRA 12:6)

(Cast iron--Metallography)
(Phase rule and equilibrium)

TKACHENKO, F.K.

Mechanism of the effect of hardening on the graphitization of white cast iron. Lit. proizv. no.6:30-32 Je '61. (MIRA 14:6)
(Cast iron—Metallography)
(Annealing of metals)

TKACHENKO, F.K.

ZUBAREV, V.F.; TKACHENKO, F.K.

Position of equilibrium lines in the right-hand part of the iron-carbon equilibrium diagram. Lit. proizv. no.3:28 Mr '58.
(MIRA 11:4)

(Phase rule and equilibrium)

TKACHENKO, F.K., inzh.; ZUBAREV, V.F., prof., doktor tekhn.nauk.

Transformations occurring during the heating of hardened white iron. Metalloved. i obr. met. no.9:24-26 S '58.
(MIRA 11:10)

1.Zhdanovskiy metallurgicheskiy institut.
(Cast iron--Metallography)

TKACHENKO, F.K.; ZUBAREV, V.F.

Properties of the carbide phase in white cast iron. Lit. proizv. no.11:20-21 N '57. (MIRA 10:12)

(Cast iron--Metallography)

TKACHENKO, F.K., kand.tekhn.nauk; ZUBAREV, V.F., doktor tekhn.nauk;
KUDRYAVTSEVA, L.N., inzh.

Mechanism of the formation of graphitization nuclei in prehardened white cast iron. Mashinostroenie no.1:50-53 Ja-F '62. (MIRA 15:2)

(Cast iron--Metallography)

TKACHENKO, F.K.

Mechanism of the effect of preliminary hardening on the graphitization of white cast iron. Izv. vys. ucheb. zav.; chern. met. 6 no.2:139-141 '63. (MIRA 16:3)

1. Zhdanovskiy metallurgicheskiy institut.
(Cast iron—Hardening)

TKACHENKO, F.K.; ZUBAREV, V.F.

Distribution of silicon between the phases of Fe-Si-C alloys.
Lit. proizv. no.8:31-32 Ag '62. (MIRA 15:11)
(Iron-silicon-carbon alloys--Metallography)
(Phase rule and equilibrium)

TKACHENKO, F.K.

Characteristics of the graphitization of iron-carbon alloys. Lit. proizv. no.5:32-33 My '62. (MIRA 16:3)
(Iron alloys--Metallurgy)

TKACHENKO, F.K. (Zhdanov); Prinimala uchastiye KUDRYAVTSEVA, L.N.

Factors accelerating the graphitization of iron-carbon alloys. Izv. AN SSSR. Otd. tekh. nauk. Met. i gor. delo no.1:129-132 Ja-F '63.
(MIRA 16:3)

(Cast iron--Hardening)

TKACHENKO, F.K., kand.tekhn.nauk; SERGEYKO, L.G., inzh.

Substructure of transformer steel and methods of revealing it. Stal' 23 no.5:460-462 My '63. (MIRA 16:5)
(Steel--Metallography)

TKACHENKO, F.M., nauchnyy sotrudnik

Forage cabbage as a stubble crop. Zhivotnovodstvo 24 no.6:
46-49 Je '62. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov.

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

2ND AND 4TH ORDERS

28

CA

Hydraulic resistance in diffusion battery cell. F. R. Tkachenko. *Nauch. Zapiski Sakharnoi Prom.* 10, No. 37-38, 127-30(1934).—With healthy beets, good cossettes and normal work of diffusion battery hydraulic resistance varies 5 between 44 and 64 mm. of mercury or 0.06 and 0.087 atm. The hydraulic resistance of individual cells is independent of the temp. of the entering juices and of location of a cell in a battery. The amt. of draw off, when the rate of circulation is const., does not affect the hydraulic resistance in a cell which is also independent of the pressure of the juices entering the cell. It is necessary to take into consideration the hydraulic shocks in the battery, but sometimes it is helpful to shake the cossettes 6 to better the flow because the hydraulic resistance during the flow of liquids is directly proportional to the [illegible] of the velocity. V. K. [illegible]

COMMON ELEMENTS

COMMON VARIABLES INDEX

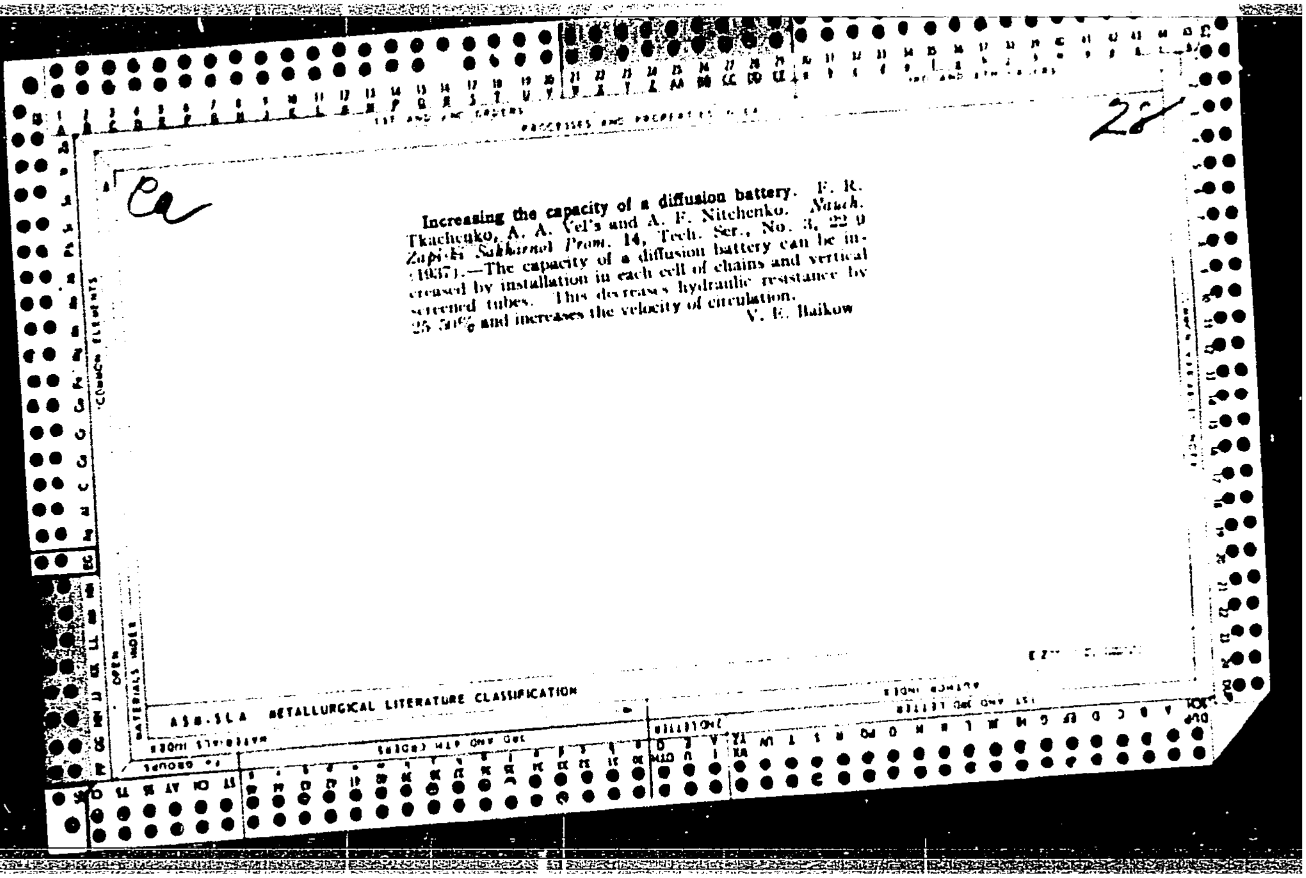
MATERIALS INDEX

OPEN

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

AUTHOR INDEX

1ST AND 2ND LETTERS



28

Ca

Increasing the capacity of a diffusion battery. F. R. Tkachenko, A. A. Vel's and A. F. Nitchenko. *Nauch. Zapiski Sakharnoi Prom.* 14, Tech. Ser., No. 3, 22-9 (1937).—The capacity of a diffusion battery can be increased by installation in each cell of chains and vertical screened tubes. This decreases hydraulic resistance by 25-30% and increases the velocity of circulation.

V. E. Baikow

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

YEMEL'YANOV, N.P., kand.tekhn.nauk; KLEMENTOV, V.I., kand.tekhn.nauk;
MAL'KOV, K.M., inzh.; TKACHENKO, F.S., inzh.; POLYAKOV, S.P.;
VEL'MIN, A.A., red.; ORLOVA, I.A., red.; MEDVEDEVA, M.A.,
tekhn.red.

[Multielectrode automatic built-up welding under flux]
Mnogoelektrodnaia avtomaticheskaia naplavka pod fliusom.
Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va
putei soobshcheniia. 1962. 134 p. (Moscow, Vsesoiuznyi
nauchno-issledovatel'skii institut zheleznodorozhnogo
transporta. Trudy, no.239). (MIRA 15:11)
(Railroads--Maintenance and repair)
(Electric welding)

TKACHENKO, [redacted] mashinist mostovogo krana.

24 years of operating ladle cranes without accidents. Bezop. truda v prom. 1 no.4:32 Ap '57.
(MLRA 10:6)

1. Martenovskiy tsekha Stalinskogo metallurgicheskogo zavoda im. Stalina.

(Founding--Safety measures)

SOV/137-58-8-17297

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 157 (USSR)

AUTHORS: Yemelyanov, N.P., Tkachenko, F.S.

TITLE: A High-efficiency Welding Apparatus for Hard Facing of Machine Components (Vysokoproizvoditel'naya svarochnaya apparatura dlya naplavki detaley)

PERIODICAL: Put' i putevoye kh-vo, 1958, Nr 1, pp 34-36

ABSTRACT: The TsNIIMPS (All-Union Scientific Research Institute for Rail Transportation) has developed a novel, multiple-electrode, automatic electric-arc and electric-slag method whereby hard facing of parts is performed in a layer of ceramic or fused flux which ensures the alloying of the deposited metal and limits the depth of fusion within the parent metal. Several models of multi-electrode automatic apparatus that have been constructed are characterized by their simplicity of design, modest weight, and versatility. The design of these automatic units is based upon the requirement of a constant supply of electrode wire, with a stepwise regulation of the feeding rate without the necessity for reversal of the motor which propels the welding head. The spacing between the 16 electrodes of the automatic unit MA-3,

Card 1/2

SOV/137-58-8-17297

A High-efficiency Welding Apparatus for Hard Facing (cont.)

designed for operation with electrode wires varying from 2 to 5 mm, may be varied during arc and electro-slag welding operations. The process is rendered stable by means of simultaneous introduction of several electrodes into the arc zone. An arc which may form between the surface of the molten metal and a tip of one of the electrodes will be extinguished because of the increased resistance. Rollers which have been hard-faced by this method exhibit a smooth surface almost devoid of scales. Examples of operations performed are presented. The authors comment on potentialities of the method described in the field of hard facing of metal parts in railroad superstructure, as well as in various types of bead welding operations in industry.

N.T.

1. Machines—Maintenance
2. Metals--Hardening
3. Arc welding
4. Welding machines—Performance

Card 2/2

SOV-135-58-2-7/18

AUTHORS: Tkachenko, F.S., Selivanov, K.V. and Shvylpov, A.K., Engineers

TITLE: Properties of Gas-Press Welded Joints of Cast and Rolled Large-Section Metal (Svoystva soyedineniy litogo i prokatnogo metalla bol'shikh secheniy, vypolnennykh gazopressovoy svarkoy)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 2, pp 25 - 28 (USSR)

ABSTRACT: The article presents results of experiments on gas-press welding of large-section (20,000 to 25,000 mm^2) steel parts, where rolled with cast, rolled with rolled , and cast with cast parts were joined. Until now, this method was used in the USSR and abroad only for joining round sections not over 8,000 to 10,000 mm^2, whereas the described method obtains fully satisfactory joints in low-carbon steel sections of 22,500 mm^2. The described experiments, supervised by T.A. Vladimirskiy, were performed on gas-press equipment developed by the TsNII for welding parts up to 50,000 mm^2 and with the use of a multiple flame torch ("MG-PR") with an acetylene consumption of 21,000 m^3/hr.

Card 1/2

SOV-135-58-2-7/18

Properties of Gas-Press Welded Joints of Cast and Rolled Large-Section Metal

Gas press welding is now being applied in locomotive building and parts welded by the described method are used for locomotives of the Northern and Far East railways. There are 5 tables, 3 graphs and 3 microphotos.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy instut zh.-d. transporta (All-Union Scientific Research Institute of Railroad Transportation)

Card 2/2 1. Welded joints--Test results

TKACHENKO, F.S., inzh.

Restoration of parts by multielectrode automatic building up. Elek. i tepl. tiaga 2 no.9:20-21 S '58. (MIRA 11:10)
(Railroads--Maintenance and repair)
(Electric welding)

135-58-8-9/20

AUTHORS: Tkachenko, F. S., Selivanov, K. V. and Shvylpov, A. K., Engineers

TITLE: New Machines and Torches for Gas-Press Welding (Novyye stanki i gorelki dlya gazopressovoy svarki)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 8, pp 30 - 35 (USSR)

ABSTRACT: Information is given on special equipment, used for welding railroad rolling-stock parts in the Soviet Union, developed at TsNII MPS under the supervision of T. A. Vladimirskiy, Candidate of Technical Sciences. The welding stand (fig.1-3) equipped with a torch oscillating device for welding parts with a cross-section area up to 50,000 sq mm. The "SGP-8u" welding machine (fig.4) for the repair of large-size locomotive parts. Multiple flame torches such as: "MG-PR" (fig.5) for welding and heat treatment of large-section parts; "MG-120" (fig.6) for welding cylindrical parts up to 120 mm in diameter; "MG-80" to weld rods up to 90 mm in diameter; "MGD" (fig.7) and "MG-DS" (fig.8) for repair

Card 1/2

135-58-8-9/20

New Machines and Torches for Gas-Press Welding

of locomotive coupling poles. The technical characteristics of this equipment are given. There are 7 photographs and 1 diagram

ASSOCIATION: TsNII MPS

1. Welding--Equipment--Characteristics

Card 2/2

118-58-5-14/18

AUThors: Tkachenko, F.S., Engineer, and Yemel'yanov, N.F., Candidate of Technical Sciences

TITLE: Automats for Welding on Large Surfaces (Avtomaty dlya naplavki bol'shikh ploshchadey)

PERIODICAL: Mekhanizatsiya Trudoyëmkikh i Tyazhëlykh Rabot, 1958, Nr 5, pp 39-41 (USSR)

ABSTRACT: The production of wear-resistant surfaces by welding on specially alloyed metal is being widely applied in various branches of the national economy. Thus the durability of rolling mill rollers has increased 8-10 times. Bi-metallic cutters, produced by automatic welding, have increased the efficiency of chisels 6-7 times. The restoration of worn out parts of machine tools, parts of tractors, automobiles, rolling stock, etc. by this means, has gained great significance, and is the most operative and economical method of repair and also manufacture of articles. The Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta (All-Union Scientific-Research Institute of Railroad Transport) has developed a new method of multi-electrode, automatic electric arc, and electroslag welding under a layer of ceramic on used flux.

Card 1/3

118-58-5-14/18

Automats for Welding on Large Surfaces

The principle of a multi-electrode automatic welding under flux is that several electrodes located at a certain distance from each other are shifted simultaneously to the zone of the arc. When the welding is carried out by the electric arc process, the arc automatically shifts from electrode to electrode and a uniform smelting takes place. The alternate smelting of the electrodes insures a deconcentrated uniform heat application and a low depth of fusing of the basic metal. At RR enterprises, the restoration of worn out wheel rims is being done by six-electrode automats, type MA-4, with 2-mm electrode rods located along the front at different distances between the centers, at a welding speed of 10 m/hour. TsNII MPS has designed several types of multi-electrode automatic apparatuses for welding parts with cylindrical and flat surfaces. The principle applied with the multi-electrode automats was the continuous supply of electrode rods. Figure 1 shows a 6-electrode automat, type MA-4, intended for welding the worn-out spots of locomotive wheel rims. It weighs 20 kg. For welding by the electric arc and electroslag methods, a 16-electrode automat MA-3 has been designed. Figure 3 shows

Card 2/3

Automats for Welding on Large Surfaces 118-58-5-14/18

a device for welding a metal layer on RR wheel rims or similar parts by two 6-electrode-rod automats. The welding is done by 3 mm rods with alternating current of 850 - 900 ampere and 38-42 volt arc tension. The welding speed is 15 m/hour. The automatic device stepped up the process of welding wheel rims by 15-18 times as compared with the existing method. There are 3 photos.

AVAILABLE: Library of Congress

Card 3/3

1. Welding-Applications 2. Hard-surfacing-Applications 3. Welding-Equipment

TKACHENKO, F.S., inzh.; SELIVANOV, K.V., inzh.; SHVYLPOV, A.K., inzh.

New machines and torches for gas pressure welding. Svar. proiz. no. 8:30-33 Ag '58. (MIRA 11:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut Ministerstva putey soobshcheniya.
(Gas welding and cutting--Equipment and supplies)

TKACHENKO, F.S., inzh.

Reconditioning parts by automatic multielectrode weld deposition.
Transp.stroi. 9 no.2:40-42 F '59. (MIRA 12:5)
(Electric welding)

TKACHENKO, F.V.

Hoisting machine for placing and removing autoclave baskets.
Kons. i ov. prom. 13 no.12:10-11 D '58. (MIRA 11:12)

1.Odesskiy konservnyy kombinat.
(Hoisting machinery) (Autoclaves)

TKACHENKO, G., kand. filosof. nauk

Economic and moral-political bases of the military power of governments. Komm. Vooruzh. Sil 5 no.24:38-45 D '64.
(MIRA 18:2)

TKACHENKO, G.

Using enlarged complex brigades for annual repair of railroad cars. Zhel.dor.transp. 36 no.5:26-31 My '55.
(MIRA 12:5)

1. Zamestitel' nachal'nika L'vovskoy dorogi.
(Railroad cars--Maintenance and repair)

TKACHENKO, G.

OVCHARENKO, N.; TKACHENKO, G.

Improvement for horizontal vacuum pans. Mias. ind. SSSR 28 no.5:29-31 '57.
(MIRA 11:1)

1. Rostovskiy-na-Donu myasokombinat.
(Drying apparatus) (Meat industry--Equipment and supplies)

L 2170-66 EWT(m)/EWP(j) RM

ACCESSION NR: AP5024497 UR/0191/65/000/010/0006/0008

44,55 44,55 . 678. 742. 2+678. 742. 4:678. 023. 334

AUTHOR: Martynov, M. A.; Yuzhin, V. M.; Malushin, A. I.; Tkachenko, G. F.

15,44,55 44,55 15 44,55

TITLE: Compatibility of high density polyethylene with polyisobutylene 42 B

SOURCE: Plasticheskiye massy, no. 10, 1965, 6-8

TOPIC TAGS: polyisobutylene, polyethylene plastic, electric cable, crystalline polymer, amorphous polymer, polymer structure, elasticity, elongation, tensile stress, composite material

ABSTRACT: Reduction of rigidity in cable made of high density polyethylene by incorporation of amorphous polyisobutylene (PIB) was examined. X-ray examination of compositions comprising partially crystallized high density polyethylene with 5-20% amorphous PIB showed that the two polymers are incompatible. Introduction of PIB to the polyethylene improved its elasticity and increased its resistance to cracking, but progressively reduced its strength. Maximum relative elongation was obtained with 5% PIB. Improvement in the elastic properties of the composition is explained by increase in the amorphous phase content and decrease

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L 2170-66

ACCESSION NR: AP5024497

8

in the role of the crystalline phase and to polymer incompatibility. Orig. art. has: 3 figures and 1 table

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, OC

NR REF SOV: 007 OTHER: 001

dg

Card 2/2

TKACHENKO, Grigoriy Georgiyevich; SYCHEV, M., red.; SUKHAREVSKAYA, N., tekhn. red.

[Heroic work of Donets Basin miners; the struggle of Donets Basin party organizations for the restoration of coal mining during the postwar five-year plan] Podvig shakhterov Donbassa; partiinye organizatsii Donbassa v bor'be za vosstanovlenie ugol'noi promyshlennosti v gody poslevoennoi piatiletki. Khar'kov, Luganskoe obl. izd-vo, 1960. 74 p. (MIRA 14:7)
(Donets Basin--Coal mines and mining)

TKACHENKO, G.G., inzh.; SHEKHOVTSEV, O.A.

Automatic control of fuel consumption in soaking pits. Mekh.i avtom.proizv. 16 no.7:34-36 Jl '62. (MIRA 15:8)
(Automatic control) (Furnaces, Heating)

TKACHENKO, G.G.; KALACHEV, N.I., konstruktor.

Hydraulic press for removing pipe ends from heat exchanger grills.
Neftianik 2 no.12:24-25 D '57. (MIRA 11:2)

1. Nachal'nik tsekha No.9 Kuybyshevskogo neftepererabatyvayushchego zavoda.

(Hydraulic presses)

TKACHENKO, G. K.

28007. TKACHENKO, G. K. -- Klinicheskaya otsenka nekotorykh sposobov vyyavleniya skrytoy ranevoy infektsii. Trudy pervoy nauch. Mezhresp Konf-tsii po lecheniyu invalidov otechestv. Voyny v sred. Azii tashkent, 1949, S. 257-66.

SO: **Letopis'** Zhurnal'nykh Statey. Vol. 37, 1949.

TKACHENKO, G.K.; KOSHKIN, V.I.

Sleep therapy in the compound treatment of some simple craniocerebral injuries. Trudy Inst. klin. i eksp. khir. AN Kaz. SSR 1:102-109 '54 (MLRA 10:5)

1. Iz Instituta klinicheskoy i eksperimental'noy khirurgii Akademii nauk Kazakhskoy SSR.
(SLEEP--THERAPEUTIC USE) (BRAIN--WOUNDS AND INJURIES)
(SKULL--WOUNDS AND INJURIES)

TKACHENKO, G.K.

Some peculiarities of punctured wounds of the scrotum. Trudy Inst. klin. i eksp. khir. AN Kaz. SSR 1:121-123 '54
(MLRA 10:5)

1. Iz Instituta klinicheskoy i eksperimental'noy khirurgii Akademii nauk Kazakhskoy SSR.
(SCROTUM--WOUNDS AND INJURIES)

TKACHENKO

4D

Resorption under conditions of an inflammatory process. G. K. Tkachenko. *Vestnik Akad. Nauk Kazakh.S.S.R.* **11,** No. 3 (Whole No. 120), 81-5(1955).—Injection of procaine into a rabbit (ear tip) does not alter the rate of absorption of sergosine into the surrounding tissues, but medicinal sleep induced by barbiturates retards such absorption noticeably. In the presence of an irritant (injection of turpentine) which causes a local inflammation, the absorption of sergosine is retarded and barbiturates do not alter the absorption rate in this case.

G. M. Kosolapoff

TKACHENKO, G.K.

USSR/ Medicine - Physiology

Card 1/1 Pub. 123 - 8/13

Authors : Tkachenko, G. K., Candidate of Medical Sc.

Title : Regarding the question on resorption during an inflammatory process

Periodical : Vest. AN Kaz. SSR 120/3, 81-85 Mar 1955

Abstract : The effect of an inflammatory state of an animal on its resorption process was experimentally investigated. Special consideration was given to determine the manner in which the resorption process goes through the lymphatic and blood vascular systems of an animal in an inflammatory state. The experiments were performed on rabbits, dogs and other animals. The experiments were conducted using the X-ray photographic method. Twenty USSR references (1926-1953).

Institution :

Presented by: Active Member of the Acad. of Sc., Kaz. SSR, A. N. Syzganov

SYZGANOV, A.N., TKACHENKO, G.K.

Primary treatment of contused lacerated wounds [with summary in English]
Eksper.khir. 1 no.1:28-34 Ja-F '56 (MIRA 11:10)

1. Iz Instituta klinicheskoy i eksperimental'noy khirurgii Akademii nauk Kazakhskoy SSSR (dir. deystvitel'nyy chlen Akademii nauk Kazakhskoy SSSR prof. A.N. Syzganov).
(WOUNDS AND INJURIES, exper
contused & lacerated, ther. (Rus))

TKACHENKO, O.K.

Primary treatment of contused and lacerated wounds. Trudy Inst.klin. i eksp.khir. AN Kazakh.SSR 3:123-130 '57. (MIRA 10:8)

1. Institut klinicheskoy i eksperimental'noy khirurgii Akademii nauk Kazakhskoy SSR
(WOUNDS--TREATMENT)